

Tuesday, August 11, 2015 12:54:57 PM

135296

Page 1

Accept

N900040100

Setup Start *NS1*

Stop *NS2*

Item Name: PA100 PUREair System for AS350/EC130

Start Date: 8/11/2015 **Start Qty:** 1.00 ***1***

Cust Item ID:

Required Date: 8/11/2015 **Req'd Qty:** 1.00 ***1***

Customer:

Reference:

Approvals: _____ Process Plan: MCS Date: AUG 11 2015 Tooling: _____ Date: _____

Run Start *NR1*

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
IIN-D350-822	D E 11/6.01.28

100

0.00

100

DOCUMENT CONTROL

DC

Memo

0.00

Doc.Control -USB or Paperwork

Photocopy bluefile & type labels per PPP D350-822-011 CHG002

DAS
27
9-89
JAN 21 2016

110

Pick Kit

0.00

110

Packaging

Memo

0.00

Packaging

① J.A. AUG 12 2015
DAS
28
9-89

120

QC4- 100% Inspect kits for completeness

0,00

120

QC

Memo

0.00

Quality Control

DAS
27
9-89

JAN 21 2015

Work Order ID 135296

Tuesday, August 11, 2015 12:54:57 PM

135296

Page 2

Item ID: D350-822-011 Accept ***N900040100*** Setup Start ***NS1***
 Revision ID: Stop ***NS2***
 Item Name: PA100 PUREair System for AS350/EC130
 Start Date: 8/11/2015 Start Qty: 1.00 ***1*** Cust Item ID:
 Required Date: 8/11/2015 Req'd Qty: 1.00 ***1*** Customer:
 Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
125	Consignment Stock	0.00				N/A		N/C	
125									
Outsourc10	Memo	0.00							
Consignment stock	Issue PO to GL account 50000-25 to LEAVE W/O OPEN UNTIL SOLD								
	Issue W/O LINE item for Pall for amount sold on sales order S/O 124719 according to sales price see Warran for amount. (if sale price is \$23,000 - amount is \$13,400)								
	PO can be received immediately and given to finance in order to close work order.								
130	Packaging	0.00							
130									
Packaging	Memo	0.00							
Packaging	Identify and pack for shipping as per PPP D350-822-011								
	Location: FG39								
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	0.00							
Quality Control									

DAS
28
9-89

JAN 21 2016

DAS
27
9-89

JAN 21 2016

JAN 21 2016

Linda Lacelle

From: Carrie Pearson
Sent: Friday, January 22, 2016 10:04 AM
To: Linda Lacelle
Subject: FW: Liberty Helicopters PA100

Fyi

Steve gave the go ahead

CARRIE PEARSON
Sales Manager

DART AEROSPACE
T 1 613 632-3336 > 264



From: james_hardy@pall.com [mailto:james_hardy@pall.com]
Sent: Friday, January 15, 2016 1:04 PM
To: Carrie Pearson <cpearson@dartaero.com>; Steve Ghaleb <sghaleb@dartaero.com>
Cc: joe_hahn@pall.com; tim_skahill@pall.com; fred_lopez@pall.com
Subject: Liberty Helicopters PA100

Carrie, Steve,

We have secured Liberty Helicopters as our Heli-Expo 2016 booth partner and they have agreed to install and fly the PA100 on one of their aircraft at no cost in exchange for the participation. They are on board with PA100 and see this as a good opportunity to evaluate it for potential implementation on the remainder of their fleet and participate at Heli Expo 2016 and be an advocate going forward.

The PA100 will be given to them free of charge and I am going to ask Joe Carollo to send a no charge PO to DART so that proper traceability on the unit is maintained. Our ask is that DART accept the PO to help us further our PA100 visibility in the market.

James Hardy

Director - Global Product Marketing
Pall Aerospace

UC Code 262 2361
M (727) 267-7975
O (727) 844-2361
E james_hardy@pall.com
W www.pall.com/aerospace



Pall Corporation

Filtration. Separation. Solution.SM

Attention:

This communication may contain information that is confidential, privileged and/or exempt from disclosure under applicable law. If you are not the intended recipient, please notify the sender immediately and delete the original, all attachments, and all copies of this communication.

Picklist Print

Tuesday, August 11, 2015 12:55:01 PM

Page 1

Work Order ID: 135296

135296

Parent Item: D350-822-011

D350-822-011

Parent Item Name: PA100 PUREair System for AS350/EC130

Start Date: 8/11/2015

Required Date: 8/11/2015

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP REV:A 14.02.20 NEW ISSUE DD VERF:JLM IPP
REV:B 14.06.18 AS PER IIN REV.C DD VERF:JLM IPP REV:C
15.06.03 AS PER IIN REV.D DD VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

NAS1149D0332J		Purchased	No				Each	2,336.000					
---------------	--	-----------	----	--	--	--	------	-----------	--	--	--	--	--

NAS1149D0332J

Washer

**

JA

AUG 12 2015

DAS
6
9-89

Location

Loc Qty

Loc Code

CA

14

m129682

14

GA

622

m132677

622

ST269

1700

m130325

900

m131624

46

m132677

754

DAS
6
9-89

QR10616

Purchased

No

Each

8.0000

**

QR10616

Vortex Tube Repair

DAS
28
9-89

Location

Loc Qty

Loc Code

MEZZpall

8

m129631

2

m129914

6

QB21304

Purchased

No

Each

8.0000

**

QB21304

PUREair Panel Assembly

DAS
6
9-89
DAS
28
9-89

Location

Loc Qty

Loc Code

MEZZpall

8

118409

8

DAS
27
9-89

RAS-5157

Picklist Print

Page 2

Tuesday, August 11, 2015 12:55:01 PM

Work Order ID: 135296

135296

Parent Item: D350-822-011

D350-822-011

Parent Item Name: PA100 PUREair System for AS350/EC130

Start Date: 8/11/2015

Required Date: 8/11/2015

Start Qty: 1.00

Required Qty: 1.00

QB21310 Purchased No

Each 8.0000

QB21310

Transition Duct Assembly

**

DAS
6
9-89

DAS
28
9-89

Location

Loc Qty

Loc Code

MEZZ2

6

m129914

6

MEZZpall

2

m129631

2

QB21308 Purchased No

Each 8.0000

QB21308

Fod Screen Assembly

**

DAS
6
9-89

DAS
28
9-89

Location

Loc Qty

Loc Code

MEZZ2

6

m129914

6

MEZZpall

2

m129631

2

LN29985-A05 Purchased No

Each 0.0000

LN29985-A05

Anchor Nut

**

15
M1330 62 SD

DAS
28
9-89

LN9038-05018 Purchased No

Each 504.0000

LN9038-05018

Bolt

**

JA AUG 12 2015

DAS
6
9-89

DAS
28
9-89

Location

Loc Qty

Loc Code

st555

504

M132419

504

BAS
27
9-89

56

Picklist Print

Tuesday, August 11, 2015 12:55:01 PM

Page 3

Work Order ID: 135296

135296

Parent Item: D350-822-011

D350-822-011

Parent Item Name: PA100 PUREair System for AS350/EC130

Start Date: 8/11/2015

Required Date: 8/11/2015

Start Qty: 1.00

Required Qty: 1.00

BS4320-A5 Purchased No

Each 136.0000

BS4320-A5
Washer

**

56

DAS 6 9-89

DAS 28 9-89

DAS 27

MS20426AD9-39

Purchased No

Location

MEZZpall

Loc Qty

136

Loc Code

M129914

136

Each

3,887.000

**

34
40

JA

DAS 6 9-89

DAS 28 9-89

MS20426AD9-39
RIVET

Location

ST313

Loc Qty

3887

Loc Code

M131624

3887

Each

30.0000

**

40
1

DAS 6 9-89

DAS 28 9-89

DAS 27
650.0401

650.0401

PUREair Fairing Assembly

Purchased No

Location

MezzPall

Loc Qty

30

Loc Code

132155-1

30

Each

2.0000

**

1
1

JA

DAS 6 9-89

DAS 28 9-89

D4925-041

D4925-041

Mounting Plate Assembly

Manufactured No

Location

cck016

Loc Qty

2

Loc Code

133813

2

Each

4.0000

**

1
1

JA

AUG 12 2015

DAS 6 9-89

DAS 28 9-89

D4931-1

D4931-1

Engine Fitting (for acft models B2 & previous)

Manufactured No

Location

ST139

Loc Qty

4

Loc Code

121325

4

DAS 27
9-89

1

Tuesday, August 11, 2015 12:55:01 PM

Shop Packet Print

Page 3

Picklist Print

Tuesday, August 11, 2015 12:55:01 PM

Page 4

Work Order ID: 135296

135296

Parent Item: D350-822-011

D350-822-011

Parent Item Name: PA100 PUREair System for AS350/EC130

Start Date: 8/11/2015

Required Date: 8/11/2015

Start Qty: 1.00

Required Qty: 1.00

D4931-3 Manufactured No

Each 14.0000

~~*D4931-3*~~

Engine Fitting (for B3 models)

**

JA

DAS
6
9-89

DAS
28
9-89

Location

Loc Qty

Loc Code

ST139

14

(120907)

10

121326

4

D4931-5 Manufactured No

Each 17.0000

~~*D4931-5*~~

Engine Fitting (for B3 models)

**

JA

DAS
9-89

DAS
28
9-89

Location

Loc Qty

Loc Code

ST139

17

(120908)

12

121327

5

D4935-1 Manufactured No

Each 10.0000

~~*D4935-1*~~

Mounting Bracket

**

JA

AUG 12 2015

DAS
6
9-89

Location

Loc Qty

Loc Code

ST139

10

(134472)

10

DAS
27
9-89

DAS
28
9-89

~~D34300-AS 52X~~

Tuesday, August 11, 2015 12:55:01 PM

Shop Packet Print

Page 4

Picklist Print

Tuesday, August 11, 2015 12:55:01 PM

Page 5

Work Order ID: 135296

135296

Parent Item: D350-822-011

D350-822-011

Parent Item Name: PA100 PUREair System for AS350/EC130

Start Date: 8/11/2015

Required Date: 8/11/2015

Start Qty: 1.00

Required Qty: 1.00

D4943-1 Manufactured No

Each 34.0000

D4943-1

Flex Hose

**

JA

DAS
28
9-89

DAS
28
9-89

Location

Loc Qty

Loc Code

ST220a

19

119750

1

119753

7

119754

8

119755

3

st220b

15

119751

7

119752

8

DAS
27
9-89

D4961-041

Manufactured No

Each 7.0000

D4961-041

Tube Assembly

**

JA

DAS
28
9-89

DAS
28
9-89

Location

Loc Qty

Loc Code

ST140

5

134764

5

ST142b

2

134747

2

DAS
27
9-89

D4961-043

Manufactured No

Each 2.0000

D4961-043

Tube Assembly

**

JA

AUG 12 2015

DAS
28
9-89

Location

Loc Qty

Loc Code

ST140

2

134275

2

DAS
27
9-89

DAS
28
9-89

Picklist Print

Tuesday, August 11, 2015 12:55:01 PM

Work Order ID: 135296

135296

Parent Item: D350-822-011

D350-822-011

Parent Item Name: PA100 PUREair System for AS350/EC130

Start Date: 8/11/2015

Required Date: 8/11/2015

Start Qty: 1.00

Required Qty: 1.00

D5079-1 Purchased No

Each 6.0000

D5079-1

Placard, EAPS

**

2
JA

DAS
28
9-89

DAS
28
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

ST145

6

130339

6

2

D5090-041 Manufactured No

Each 3.0000

D5090-041

Duct Assembly

**

1
JA

DAS
28
9-89

DAS
28
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

ST218

3

134503

3

1

D5105-1 Manufactured No

Each 12.0000

D5105-1

Handle

**

2
JA

DAS
28
9-89

DAS
28
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

ST147

12

121244

12

2

D5110-1 Manufactured No

Each 4.0000

D5110-1

Swivel Nut Fitting

**

2
JA

AUG 12 2015

DAS
28
9-89

DAS
28
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

ST148

4

121874

4

1

Picklist Print

Tuesday, August 11, 2015 12:55:01 PM

Page 7

Work Order ID: 135296

135296

Parent Item: D350-822-011

D350-822-011

Parent Item Name: PA100 PUREair System for AS350/EC130

Start Date: 8/11/2015

Required Date: 8/11/2015

Start Qty: 1.00

Required Qty: 1.00

D5179-1

Manufactured No

Each

12.0000

D5179-1

Doubler

**

2
JA

DAS
6
9-89

DAS
28
9-89

Location

Loc Qty

Loc Code

ST228A

12

134370

2

134759

10

Each

12.0000

**

2
JA

DAS
6
9-89

DAS
28
9-89

D5179-3

Manufactured No

D5179-3

Doubler

**

DAS
27
9-89

Location

Loc Qty

Loc Code

ST228A

12

134502

2

134760

10

Each

12.0000

**

2
JA

DAS
6
9-89

DAS
28
9-89

D5194-1

Manufactured No

D5194-1

Doubler

**

DAS
27
9-89

Location

Loc Qty

Loc Code

ST228A

12

134480

2

134761

10

Each

5.0000

**

2
JA

DAS
6
9-89

DAS
28
9-89

D5208-041

Manufactured No

D5208-041

Blanking Plate Assembly

**

3
JA AUG 12 2015

DAS
6
9-89

DAS
28
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

ST152

5

134328

3

135139

2

3
JA

Tuesday, August 11, 2015 12:55:01 PM

Shop Packet Print

Page 7

Picklist Print

Page 8

Tuesday, August 11, 2015 12:55:01 PM

Work Order ID: 135296

135296

Parent Item: D350-822-011

D350-822-011

Parent Item Name: PA100 PUREair System for AS350/EC130

Start Date: 8/11/2015

Required Date: 8/11/2015

Start Qty: 1.00

Required Qty: 1.00

8411999090

Purchased

No

Each

7.0000

8411999090

Gasket - P/N 9752100180

**

JA

DAS
6
9-89

DAS
28
9-89

DAS
27
9-89

9752018044

Purchased

No

Each

8.0000

9752018044

Gasket (for B3 models)

**

JA

DAS
6
9-89

DAS
28
9-89

DAS
27
9-89

9945000120

Purchased

No

Each

8.0000

9945000120

Gasket (for B3e models)

**

JA

DAS
6
9-89

DAS
28
9-89

DAS
27
9-89

23350CA050

Purchased

No

Each

67.0000

23350CA050

WASHER

**

JA

AUG 12 2015

DAS
6
9-89

DAS
28
9-89

DAS
27
9-89

Location

ST564

Loc Qty

7

Loc Code

m132879

7

Location

ST564

Loc Qty

8

Loc Code

m129550

8

Location

ST564

Loc Qty

8

Loc Code

m129550

8

Location

ST568

Loc Qty

67

Loc Code

m129609

67

Z

Picklist Print

Tuesday, August 11, 2015 12:55:01 PM

Work Order ID: 135296

135296

Parent Item: D350-822-011

D350-822-011

Parent Item Name: PA100 PUREair System for AS350/EC130

Start Date: 8/11/2015

Required Date: 8/11/2015

Start Qty: 1.00

Required Qty: 1.00

AN821-12J

Purchased

No

Each

18.0000

~~*AN821-12J*~~

Elbow (or AN821-12K or 12S)

DAS
27
9-89

Location

CCK003

Loc Qty

18

Loc Code

**

JA

6
9-89
DAS
28
9-89

AN929-12J

Purchased

No

Each

14.0000

~~*AN929-12J*~~

Cap

DAS
27
9-89

Location

CCK003

Loc Qty

14

Loc Code

**

JA

6
9-89
DAS
28
9-89

EN3686-050016

Purchased

No

Each

19.0000

~~*FN3686-050016*~~

Screw

DAS
27
9-89

Location

st552

Loc Qty

19

Loc Code

**

JA

6
9-89
DAS
28
9-89

LN9038-05012

Purchased

No

Each

244.0000

~~*LN9038-05012*~~

Bolt

DAS
27
9-89

Location

st555

Loc Qty

244

Loc Code

**

JA

6
9-89
DAS
28
9-89

Picklist Print

Page 10

Tuesday, August 11, 2015 12:55:01 PM

Work Order ID: 135296

135296

Parent Item: D350-822-011

D350-822-011

Parent Item Name: PA100 PUREair System for AS350/EC130

Start Date: 8/11/2015

Required Date: 8/11/2015

Start Qty: 1.00

Required Qty: 1.00

LN9038-05040

Purchased

No

Each

12.0000

LN9038-05040

Bolt

DAS
27
9-89

Location

st555

Loc Qty

12

Loc Code

**

1

JA

DAS
6
9-89

DAS
28
9-89

LN9348-05

Purchased

No

Each

194.0000

LN9348-05

Nut

m132423

12

**

26

JA

DAS
6
9-89

Location

st555

Loc Qty

194

Loc Code

DAS
27
9-89

m13243

20

**

20

6

18

JA

DAS
28
9-89

MS20470AD3-4

Purchased

No

Each

1,919.000

MS20470AD3-4

Rivet, Universal Head

m132519

174

DAS
6
9-89

Location

GA

Loc Qty

782

Loc Code

DAS
27
9-89

111477

782

**

18

JA

DAS
28
9-89

MS21919WCH12

Purchased

No

Each

8.0000

MS21919WCH12

Clamp

111477

1137

AUG 12 2015

DAS
6
9-89

Location

ST295

Loc Qty

8

Loc Code

DAS
27
9-89

m130358

8

DAS
28
9-89

Tuesday, August 11, 2015 12:55:01 PM

Shop Packet Print

Page 10

Picklist Print

Page 11

Tuesday, August 11, 2015 12:55:01 PM

Work Order ID: 135296

135296

Parent Item: D350-822-011

D350-822-011

Parent Item Name: PA100 PUREair System for AS350/EC130

Start Date: 8/11/2015

Required Date: 8/11/2015

Start Qty: 1.00

Required Qty: 1.00

MS9592-138

Purchased

No

Each

27.0000

~~MS9592-138~~

Bracket

**

JA

DAS
28
9-89

DAS
27
9-89

Location

Loc Qty

Loc Code

ST272

27

ms132479

27

NAS43DD3-64

Purchased

No

Each

12.0000

~~NAS43DD3-64~~

Spacer

**

JA

AUG 12 2015

DAS
28
9-89

Location

Loc Qty

Loc Code

GA

12

ms132461

12

DAS
27
9-89

DAS
28
9-89

5.0 PARTS LIST

QTY	PART-NUMBER	DESCRIPTION
X	D350-822-011	PA100 PUREAIR SYSTEM
1	QR10616	TUBE REPAIR KIT
1	QB21304	PUREAIR PANEL ASSY
1	QB21310	TRANSITION DUCT ASSY
1	QB21308	FOD SCREEN ASSY
15	LN29985-A05	ANCHOR NUT
56	LN9038-05018	BOLT
56	BS4320-A5	WASHER
40	MS20426AD3-3	RIVET
1	650.0401	PUREAIR FAIRING ASSY
1	D4925-041	MOUNTING PLATE ASSY
1	D4931-1	ENGINE FITTING*
1	D4931-3	ENGINE FITTING*
1	D4931-5	ENGINE FITTING*
6	D4935-1	MOUNTING BRACKET
1	D4943-1	FLEX HOSE
1	D4961-041	TUBE ASSEMBLY
1	D4961-043	TUBE ASSEMBLY
2	D5079-1	PLACARD
1	D5090-041	DUCT ASSEMBLY
2	D5105-1	HANDLE
1	D5110-1	SWIVEL NUT FITTING
2	D5179-1	DOUBLER
2	D5179-3	DOUBLER
2	D5194-1	DOUBLER
3	D5208-041	BLANKING PLATE ASSY
1	8411999090	GASKET*
1	9752018044	GASKET*
1	9945000120	GASKET*
2	23350CA050	LOCKING TAB
2	AN821-12J	ELBOW (OR AN821-12K OR AN821-12S)
1	AN929-12J	CAP
58	BS4320-A5	WASHER (OR NAS1149D0332J)
2	EN3686-050016	SCREW
32	LN9038-05012	BOLT
1	LN9038-05040	BOLT
28	LN9348-05	NUT
18	MS20470AD3-4	RIVET
1	MS21919WHG12	CLAMP
1	MS9592-138	BRACKET
1	NAS43DD3-64	SPACER

*USE APPROPRIATE FITTING/GASKET BASED ON ENGINE INSTALLATION

Work Order ID 135296

Tuesday, August 11, 2015 12:54:57 PM

135296

Page 1

Item ID: D350-822-011

Accept

N900040100Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: PA100 PUREair System for AS350/EC130

Start Date: 8/11/2015 Start Qty: 1.00

1

Cust Item ID:

Required Date: 8/11/2015 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals: Process Plan: MCS Date: AUG 11 2015 Tooling: _____ Date: _____
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Run Start ***NR1***Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
----------	--------------

IIN-D350-822

D

JA

100

0.00

100

DOCUMENT CONTROL

DC

Memo

0.00

Doc.Control -USB or Paperwork

Photocopy bluefile & type labels per PPP D350-822-011 CHG002

MCS AUG 12 2015

110

Pick Kit

0.00

110

Packaging

Memo

0.00

Packaging

① JA AUG 12 2015

120

QC4- 100% Inspect kits for completeness

0.00

120

QC

Memo

0.00

Quality Control